Vesicular Polysaccharide Export in Cryptococcus neofo
the Problem of Fungal Trans-Cell Wall Transport

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#	Article	IF	Citations
1	Monoclonal Antibody to Fungal Glucosylceramide Protects Mice against Lethal<i>Cryptococcus neoformans</i>Infection. Vaccine Journal, 2007, 14, 1372-1376.	3.2	74
2	Cell Wall-linked Cryptococcal Phospholipase B1 Is a Source of Secreted Enzyme and a Determinant of Cell Wall Integrity. Journal of Biological Chemistry, 2007, 282, 37508-37514.	1.6	73
3	Capsule Structural Heterogeneity and Antigenic Variation in Cryptococcus neoformans. Eukaryotic Cell, 2007, 6, 1464-1473.	3.4	84
4	Transcriptional Regulation by Protein Kinase A in Cryptococcus neoformans. PLoS Pathogens, 2007, 3, e42.	2.1	92
5	Self-Aggregation of Cryptococcus neoformans Capsular Glucuronoxylomannan Is Dependent on Divalent Cations. Eukaryotic Cell, 2007, 6, 1400-1410.	3.4	135
6	Biosynthesis and Immunogenicity of Glucosylceramide in Cryptococcus neoformans and Other Human Pathogens. Eukaryotic Cell, 2007, 6, 1715-1726.	3.4	39
7	An Anti-Î²-Glucan Monoclonal Antibody Inhibits Growth and Capsule Formation of Cryptococcus neoformans In Vitro and Exerts Therapeutic, Anticryptococcal Activity In Vivo. Infection and Immunity, 2007, 75, 5085-5094.	1.0	152
8	3-Hydroxy fatty acids found in capsules ofCryptococcus neoformans. Canadian Journal of Microbiology, 2007, 53, 809-812.	0.8	23
10	An ectophosphatase activity inCandida parapsilosisinfluences the interaction of fungi with epithelial cells. FEMS Yeast Research, 2007, 7, 621-628.	1.1	33
11	Oxylipin studies expose aspirin as antifungal. FEMS Yeast Research, 2007, 7, 1207-1217.	1.1	25
12	Biology and pathogenesis of<i>Fonsecaea pedrosoi</i>, the major etiologic agent of chromoblastomycosis. FEMS Microbiology Reviews, 2007, 31, 570-591.	3.9	95
13	Vesicular transport in<i>Histoplasma capsulatum</i>: an effective mechanism for trans-cell wall transfer of proteins and lipids in ascomycetes. Cellular Microbiology, 2008, 10, 1695-1710.	1.1	329
14	Following Fungal Melanin Biosynthesis with Solid-State NMR: Biopolymer Molecular Structures and Possible Connections to Cell-Wall Polysaccharides. Biochemistry, 2008, 47, 4701-4710.	1.2	88
15	<i>Candida albicans</i>Cell Wall Proteins. Microbiology and Molecular Biology Reviews, 2008, 72, 495-544.	2.9	404
16	The influence of acetylsalicylic acid on oxylipin migration in Cryptococcus neoformans var.<i>neoformans</i>UOFS Y-1378. Canadian Journal of Microbiology, 2008, 54, 91-96.	0.8	15
17	Extracellular Vesicles Produced by <i>Cryptococcus neoformans</i> Contain Protein Components Associated with Virulence. Eukaryotic Cell, 2008, 7, 58-67.	3.4	491
18	A role for vesicular transport of macromolecules across cell walls in fungal pathogenesis. Communicative and Integrative Biology, 2008, 1, 37-39.	0.6	49
19	Regulation of Cryptococcus neoformans Capsule Size Is Mediated at the Polymer Level. Eukaryotic Cell, 2008, 7, 546-549.	3.4	50

#	Article	IF	Citations
20	â€˜Many questions, few answersâ€™. Veterinary Record, 2008, 162, 461-461.	0.2	0
21	Binding of the Wheat Germ Lectin to Cryptococcus neoformans Suggests an Association of Chitinlike Structures with Yeast Budding and Capsular Glucuronoxylomannan. Eukaryotic Cell, 2008, 7, 602-609.	3.4	88
22	Vesicular Trans-Cell Wall Transport in Fungi: A Mechanism for the Delivery of Virulence-Associated Macromolecules?. Lipid Insights, 2008, 2, LPI.S1000.	1.0	96
23	Sophisticated Functions for a Simple Molecule: The Role of Glucosylceramides in Fungal Cells. Lipid Insights, 2008, 2, LPI.S1014.	1.0	4
24	The still obscure attributes of cryptococcal glucuronoxylomannan. Medical Mycology, 2009, 47, 783-788.	0.3	20
25	Sphingolipid C-9 Methyltransferases Are Important for Growth and Virulence but Not for Sensitivity to Antifungal Plant Defensins in<i>Fusarium graminearum</i>. Eukaryotic Cell, 2009, 8, 217-229.	3.4	59
26	Capsular Localization of the<i>Cryptococcus neoformans</i>Polysaccharide Component Galactoxylomannan. Eukaryotic Cell, 2009, 8, 96-103.	3.4	53
27	Lipophilic Dye Staining of<i>Cryptococcus neoformans</i>Extracellular Vesicles and Capsule. Eukaryotic Cell, 2009, 8, 1373-1380.	3.4	81
28	App1: An Antiphagocytic Protein That Binds to Complement Receptors 3 and 2. Journal of Immunology, 2009, 182, 84-91.	0.4	51
29	Proteomic analysis of secreted membrane vesicles of archaeal Sulfolobus species reveals the presence of endosome sorting complex components. Extremophiles, 2009, 13, 67-79.	0.9	148
30	Neuroprotective and Antioxidative Effect of Cactus Polysaccharides In Vivo and In Vitro. Cellular and Molecular Neurobiology, 2009, 29, 1211-1221.	1.7	46
31	Activity of tannins from Stryphnodendron adstringens on Cryptococcus neoformans: effects on growth, capsule size and pigmentation. Annals of Clinical Microbiology and Antimicrobials, 2009, 8, 29.	1.7	31
32	Sec6â€dependent sorting of fungal extracellular exosomes and laccase of <i>Cryptococcus neoformans</i>. Molecular Microbiology, 2009, 71, 1165-1176.	1.2	146
33	Intracellular pathogenic bacteria and fungi â€" a case of convergent evolution?. Nature Reviews Microbiology, 2009, 7, 165-171.	13.6	56
34	Vesicle-associated melanization in Cryptococcus neoformans. Microbiology (United Kingdom), 2009, 155, 3860-3867.	0.7	142
35	Structural and functional properties of the Trichosporon asahii glucuronoxylomannan. Fungal Genetics and Biology, 2009, 46, 496-505.	0.9	49
36	Cryptococcus neoformans cryoultramicrotomy and vesicle fractionation reveals an intimate association between membrane lipids and glucuronoxylomannan. Fungal Genetics and Biology, 2009, 46, 956-963.	0.9	59
37	Vesicular transport across the fungal cell wall. Trends in Microbiology, 2009, 17, 158-162.	3.5	128

#	Article	IF	Citations
38	How Sweet it is! Cell Wall Biogenesis and Polysaccharide Capsule Formation in <i>Cryptococcus neoformans</i>. Annual Review of Microbiology, 2009, 63, 223-247.	2.9	182
39	Chapter 4 The Capsule of the Fungal Pathogen Cryptococcus neoformans. Advances in Applied Microbiology, 2009, 68, 133-216.	1.3	380
40	Production of Extracellular Polysaccharides by <i>CAP</i> Mutants of <i>Cryptococcus neoformans</i>. Eukaryotic Cell, 2009, 8, 1165-1173.	3.4	20
41	Glyceraldehyde-3-phosphate dehydrogenase of the entomopathogenic fungus Metarhizium anisopliae: cell-surface localization and role in host adhesion. FEMS Microbiology Letters, 2010, 312, 101-109.	0.7	13
42	Cryptococcus neoformans responds to mannitol by increasing capsule size in vitro and in vivo. Cellular Microbiology, 2010, 12, 740-753.	1.1	47
43	Role of Phospholipases in Fungal Fitness, Pathogenicity, and Drug Development â€“ Lessons from Cryptococcus Neoformans. Frontiers in Microbiology, 2010, 1, 125.	1.5	79
44	Shaping the Archaeal Cell Envelope. Archaea, 2010, 2010, 1-13.	2.3	51
45	Microbial polysaccharide new insights for treating autoimmune diseases. Frontiers in Bioscience - Scholar, 2010, S2, 256-267.	0.8	5
46	A Putative P-Type ATPase, Apt1, Is Involved in Stress Tolerance and Virulence in Cryptococcus neoformans. Eukaryotic Cell, 2010, 9, 74-83.	3.4	36
47	Ab binding alters gene expression in Cryptococcus neoformans and directly modulates fungal metabolism. Journal of Clinical Investigation, 2010, 120, 1355-1361.	3.9	95
48	The Absence of Serum IgM Enhances the Susceptibility of Mice to Pulmonary Challenge with <i>Cryptococcus neoformans</i>. Journal of Immunology, 2010, 184, 5755-5767.	0.4	95
49	<i>Bacillus anthracis</i> produces membrane-derived vesicles containing biologically active toxins. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19002-19007.	3.3	340
50	Extracellular Vesicles from <i>Cryptococcus neoformans</i> Modulate Macrophage Functions. Infection and Immunity, 2010, 78, 1601-1609.	1.0	238
51	Biogenesis of extracellular vesicles in yeast. Communicative and Integrative Biology, 2010, 3, 533-535.	0.6	41
52	Characterization of Yeast Extracellular Vesicles: Evidence for the Participation of Different Pathways of Cellular Traffic in Vesicle Biogenesis. PLoS ONE, 2010, 5, e11113.	1.1	215
53	Cryptococcus. Proceedings of the American Thoracic Society, 2010, 7, 186-196.	3.5	103
54	<i>Cryptococcus neoformans</i>and<i>Cryptococcus gattii</i>genes preferentially expressed during rat macrophage infection. Medical Mycology, 2010, 48, 932-941.	0.3	16
55	Vesicular transport systems in fungi. Future Microbiology, 2011, 6, 1371-1381.	1.0	60

#	Article	IF	Citations
56	Surface architecture of Histoplasma capsulatum. Frontiers in Microbiology, 2011, 2, 225.	1.5	50
57	The GATA-type transcriptional activator Gat1 regulates nitrogen uptake and metabolism in the human pathogen Cryptococcus neoformans. Fungal Genetics and Biology, 2011, 48, 192-199.	0.9	42
58	Mechanisms of immune evasion in fungal pathogens. Current Opinion in Microbiology, 2011, 14, 668-675.	2.3	48
59	Fungal Polysaccharides: Biological Activity Beyond the Usual Structural Properties. Frontiers in Microbiology, 2011, 2, 171.	1.5	28
60	Multiple Disguises for the Same Party: The Concepts of Morphogenesis and Phenotypic Variations in Cryptococcus neoformans?. Frontiers in Microbiology, 2011, 2, 181.	1.5	37
61	Fungal Glucosylceramides: From Structural Components to Biologically Active Targets of New Antimicrobials. Frontiers in Microbiology, 2011, 2, 212.	1.5	54
62	The Paracoccidioides Cell Wall: Past and Present Layers Toward Understanding Interaction with the Host. Frontiers in Microbiology, 2011, 2, 257.	1.5	77
63	Nanovesicles from Malassezia sympodialis and Host Exosomes Induce Cytokine Responses â€" Novel Mechanisms for Host-Microbe Interactions in Atopic Eczema. PLoS ONE, 2011, 6, e21480.	1.1	118
64	Exosomes and other microvesicles in infection biology: organelles with unanticipated phenotypes. Cellular Microbiology, 2011, 13, 1-9.	1.1	177
65	The organization of the wall filaments and characterization of the matrix structures of Toxoplasma gondii cyst form. Cellular Microbiology, 2011, 13, 1920-1932.	1.1	70
66	Evidence for branching in cryptococcal capsular polysaccharides and consequences on its biological activity. Molecular Microbiology, 2011, 79, 1101-1117.	1.2	60
67	Role for Golgi reassembly and stacking protein (GRASP) in polysaccharide secretion and fungal virulence. Molecular Microbiology, 2011, 81, 206-218.	1.2	78
68	Expanding fungal pathogenesis: Cryptococcus breaks out of the opportunistic box. Nature Reviews Microbiology, 2011, 9, 193-203.	13.6	265
69	Experimental medical mycological research in Latin America - a 2000-2009 overview. Revista Iberoamericana De Micologia, 2011, 28, 1-25.	0.4	10
70	Emerging themes in cryptococcal capsule synthesis. Current Opinion in Structural Biology, 2011, 21, 597-602.	2.6	36
71	Lessons from Cryptococcal Laccase: From Environmental Saprophyte to Pathogen. Current Fungal Infection Reports, 2011, 5, 233-244.	0.9	2
72	The Pathogenic Fungus Paracoccidioides brasiliensis Exports Extracellular Vesicles Containing Highly Immunogenic Î±-Galactosyl Epitopes. Eukaryotic Cell, 2011, 10, 343-351.	3.4	169
73	Glucuronoxylomannan from Cryptococcus neoformans Down-regulates the Enzyme 6-Phosphofructo-1-kinase of Macrophages. Journal of Biological Chemistry, 2011, 286, 14820-14829.	1.6	11

#	Article	IF	Citations
74	EDTA Inhibits Biofilm Formation, Extracellular Vesicular Secretion, and Shedding of the Capsular Polysaccharide Glucuronoxylomannan by Cryptococcus neoformans. Applied and Environmental Microbiology, 2012, 78, 7977-7984.	1.4	54
75	Quality Control of Fungus-specific Glucosylceramide in Cryptococcus neoformans by Endoglycoceramidase-related Protein 1 (EGCrP1). Journal of Biological Chemistry, 2012, 287, 368-381.	1.6	28
76	Bloodâ€“brain barrier invasion by Cryptococcus neoformans is enhanced by functional interactions with plasmin. Microbiology (United Kingdom), 2012, 158, 240-258.	0.7	46
77	A Paracoccidioides brasiliensis glycan shares serologic and functional properties with cryptococcal glucuronoxylomannan. Fungal Genetics and Biology, 2012, 49, 943-954.	0.9	22
78	Vesicle and Vesicle-Free Extracellular Proteome of <i>Paracoccidioides brasiliensis</i>: Comparative Analysis with Other Pathogenic Fungi. Journal of Proteome Research, 2012, 11, 1676-1685.	1.8	160
79	Lipidomic Analysis of Extracellular Vesicles from the Pathogenic Phase of Paracoccidioides brasiliensis. PLoS ONE, 2012, 7, e39463.	1.1	101
80	Cryptococcus neoformans-Derived Microvesicles Enhance the Pathogenesis of Fungal Brain Infection. PLoS ONE, 2012, 7, e48570.	1.1	93
81	In good company: association between fungal glycans generates molecular complexes with unique functions. Frontiers in Microbiology, 2012, 3, 249.	1.5	14
82	Staphylococcus aureusMembrane Vesicles and Its Potential Role in Bacterial Pathogenesis. Journal of Bacteriology and Virology, 2012, 42, 181.	0.0	19
83	Membrane Vesicle Release in Bacteria, Eukaryotes, and Archaea: a Conserved yet Underappreciated Aspect of Microbial Life. Infection and Immunity, 2012, 80, 1948-1957.	1.0	622
84	The Cryptococcus neoformans Capsule: a Sword and a Shield. Clinical Microbiology Reviews, 2012, 25, 387-408.	5.7	291
85	Unravelling Secretion in Cryptococcus neoformans: More than One Way to Skin a Cat. Mycopathologia, 2012, 173, 407-418.	1.3	26
86	Regulated expression of cyclic AMPâ€dependent protein kinase A reveals an influence on cell size and the secretion of virulence factors in <i>Cryptococcus neoformans</i>. Molecular Microbiology, 2012, 85, 700-715.	1.2	49
87	Serum albumin disrupts Cryptococcus neoformans and Bacillus anthracis extracellular vesicles. Cellular Microbiology, 2012, 14, 762-773.	1.1	54
88	Where Do They Come from and Where Do They Go: Candidates for Regulating Extracellular Vesicle Formation in Fungi. International Journal of Molecular Sciences, 2013, 14, 9581-9603.	1.8	62
89	Vesicular mechanisms of traffic of fungal molecules to the extracellular space. Current Opinion in Microbiology, 2013, 16, 414-420.	2.3	74
90	Beyond the wall:<i>Candida albicans</i>secret(e)s to survive. FEMS Microbiology Letters, 2013, 338, 10-17.	0.7	58
91	Binding of the wheat germ lectin to Cryptococcus neoformans chitooligomers affects multiple mechanisms required for fungal pathogenesis. Fungal Genetics and Biology, 2013, 60, 64-73.	0.9	31

#	Article	IF	Citations
92	Fructose-1,6-bisphosphatase, Malate Dehydrogenase, Isocitrate Lyase, Phosphoenolpyruvate Carboxykinase, Glyceraldehyde-3-phosphate Dehydrogenase, and Cyclophilin A are secreted in<i>Saccharomyces cerevisiae</i>grown in low glucose. Communicative and Integrative Biology, 2013, 6, e27216.	0.6	17
93	Temporal Behavior of Capsule Enlargement by Cryptococcus neoformans. Eukaryotic Cell, 2013, 12, 1383-1388.	3.4	17
94	<scp><i>Allergen1</i></scp> regulates polysaccharide structure in <i><scp>C</scp>ryptococcus neoformans</i>. Molecular Microbiology, 2013, 88, 713-727.	1.2	2
95	The Role of Host Gender in the Pathogenesis of Cryptococcus neoformans Infections. PLoS ONE, 2013, 8, e63632.	1.1	63
96	Pathogenicity of Cryptococcus neoformans: an Evolutionary Perspective. , 2014, , 581-590.		1
97	Synthesis and Biological Properties of Fungal Glucosylceramide. PLoS Pathogens, 2014, 10, e1003832.	2.1	96
98	Capsule Growth in Cryptococcus neoformans Is Coordinated with Cell Cycle Progression. MBio, 2014, 5, e00945-14.	1.8	65
99	The Tools for Virulence of Cryptococcus neoformans. Advances in Applied Microbiology, 2014, 87, 1-41.	1.3	63
100	Deletion of the CAP10 gene of Cryptococcus neoformans results in a pleiotropic phenotype with changes in expression of virulence factors. Research in Microbiology, 2014, 165, 399-410.	1.0	21
101	Role of the Apt1 Protein in Polysaccharide Secretion by Cryptococcus neoformans. Eukaryotic Cell, 2014, 13, 715-726.	3.4	61
102	Extracellular vesicles produced by the <scp>G</scp>ramâ€positive bacterium <scp><i>B</i></scp><i>acillus subtilis</i> are disrupted by the lipopeptide surfactin. Molecular Microbiology, 2014, 93, 183-198.	1.2	133
103	<i>Cryptococcus neoformans</i> glucuronoxylomannan fractions of different molecular masses are functionally distinct. Future Microbiology, 2014, 9, 147-161.	1.0	30
104	Challenges posed by extracellular vesicles from eukaryotic microbes. Current Opinion in Microbiology, 2014, 22, 73-78.	2.3	42
105	Characterization of Alternaria infectoria extracellular vesicles. Medical Mycology, 2014, 52, 202-210.	0.3	81
106	Interaction of Cryptococcus neoformans Extracellular Vesicles with the Cell Wall. Eukaryotic Cell, 2014, 13, 1484-1493.	3.4	90
107	The impact of proteomics on the understanding of functions and biogenesis of fungal extracellular vesicles. Journal of Proteomics, 2014, 97, 177-186.	1.2	109
108	The endocytosis gene END3 is essential for the glucose-induced rapid decline of small vesicles in the extracellular fraction in Saccharomyces cerevisiae. Journal of Extracellular Vesicles, 2014, 3, 23497.	5.5	22
109	Cryptococcus neoformans: Budding Yeast and Dimorphic Filamentous Fungus. , 2014, , 717-735.		0

#	Article	IF	Citations
110	Extracellular vesicles from Paracoccidioides pathogenic species transport polysaccharide and expose ligands for DC-SIGN receptors. Scientific Reports, 2015, 5, 14213.	1.6	66
111	Secretome profiling of Cryptococcus neoformans reveals regulation of a subset of virulence-associated proteins and potential biomarkers by protein kinase A. BMC Microbiology, 2015, 15, 206.	1.3	47
112	Physiological Significance of Glycolipid Catabolism in <i>Cryptococcus neoformans</i> (Jpn. Ed.). Trends in Glycoscience and Glycotechnology, 2015, 27, J21-J31.	0.0	0
113	The Einstein-Brazil Fogarty: A decade of synergy. Brazilian Journal of Microbiology, 2015, 46, 945-955.	0.8	2
114	Physiological Significance of Glycolipid Catabolism in <i>Cryptococcus neoformans</i>. Trends in Glycoscience and Glycotechnology, 2015, 27, E21-E31.	0.0	1
115	Masking the Pathogen: Evolutionary Strategies of Fungi and Their Bacterial Counterparts. Journal of Fungi (Basel, Switzerland), 2015, 1, 397-421.	1.5	7
116	The Cryptococcus neoformans capsule: lessons from the use of optical tweezers and other biophysical tools. Frontiers in Microbiology, 2015, 6, 640.	1.5	15
117	Cryptococcal 3-Hydroxy Fatty Acids Protect Cells Against Amoebal Phagocytosis. Frontiers in Microbiology, 2015, 6, 1351.	1.5	9
118	Fungal Melanin: What do We Know About Structure?. Frontiers in Microbiology, 2015, 6, 1463.	1.5	217
119	Extracellular vesicles including exosomes in cross kingdom regulation: a viewpoint from plant-fungal interactions. Frontiers in Plant Science, 2015, 6, 766.	1.7	96
120	Extracellular Vesicles: Role in Inflammatory Responses and Potential Uses in Vaccination in Cancer and Infectious Diseases. Journal of Immunology Research, 2015, 2015, 1-14.	0.9	64
121	Lipid Biosynthetic Genes Affect Candida albicans Extracellular Vesicle Morphology, Cargo, and Immunostimulatory Properties. Eukaryotic Cell, 2015, 14, 745-754.	3.4	73
122	Proteomics Unravels Extracellular Vesicles as Carriers of Classical Cytoplasmic Proteins in <i>Candida albicans</i>. Journal of Proteome Research, 2015, 14, 142-153.	1.8	117
123	The vacuolar-sorting protein Snf7 is required for export of virulence determinants in members of the Cryptococcus neoformans complex.. Scientific Reports, 2014, 4, 6198.	1.6	26
124	Endocytosis and exocytosis in hyphal growth. Fungal Biology Reviews, 2015, 29, 43-53.	1.9	36
125	Endocytotic uptake of FITC-labeled anti-H. pylori egg yolk immunoglobulin Y in Candida yeast for detection of intracellular H. pylori. Frontiers in Microbiology, 2015, 6, 113.	1.5	13
126	Fungal serotype-specific differences in bacterial-yeast interactions. Virulence, 2015, 6, 652-657.	1.8	26
127	Aging as an emergent factor that contributes to phenotypic variation in Cryptococcus neoformans. Fungal Genetics and Biology, 2015, 78, 59-64.	0.9	12

#	Article	IF	Citations
128	Characterization of Lipids and Proteins Associated to the Cell Wall of the Acapsular Mutant <i>Cryptococcus neoformans</i> Cap 67. Journal of Eukaryotic Microbiology, 2015, 62, 591-604.	0.8	5
129	Extracellular vesicle-mediated export of fungal RNA. Scientific Reports, 2015, 5, 7763.	1.6	185
130	Cryptococcus Strains with Different Pathogenic Potentials Have Diverse Protein Secretomes. Eukaryotic Cell, 2015, 14, 554-563.	3.4	28
131	Sup35p in Its Soluble and Prion States Is Packaged inside Extracellular Vesicles. MBio, 2015, 6, .	1.8	42
132	Antifungal activity of Brevibacillus laterosporus JX-5 and characterization of its antifungal components. World Journal of Microbiology and Biotechnology, 2015, 31, 1605-1618.	1.7	27
133	Structure and Bioactivities of Fungal Polysaccharides. , 2015, , 1851-1866.		2
134	Through the wall: extracellular vesicles in Gram-positive bacteria, mycobacteria and fungi. Nature Reviews Microbiology, 2015, 13, 620-630.	13.6	920
135	The Spectrum of Fungi That Infects Humans. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a019273-a019273.	2.9	233
136	Compositional and immunobiological analyses of extracellular vesicles released by<i>C</i><i>andida albicans</i>. Cellular Microbiology, 2015, 17, 389-407.	1.1	242
137	Silicon treatment in oil palms confers resistance to basal stem rot disease caused by Ganoderma boninense. Crop Protection, 2015, 67, 151-159.	1.0	54
138	Extracellular Vesicle-Associated Transitory Cell Wall Components and Their Impact on the Interaction of Fungi with Host Cells. Frontiers in Microbiology, 2016, 7, 1034.	1.5	74
139	Antibody Binding Alters the Characteristics and Contents of Extracellular Vesicles Released by Histoplasma capsulatum. MSphere, 2016, 1, .	1.3	74
140	Analysis of Yeast Extracellular Vesicles. Methods in Molecular Biology, 2016, 1459, 175-190.	0.4	24
141	Unconventional Protein Secretion. Methods in Molecular Biology, 2016, , .	0.4	95
142	New weapons in the Cryptococcus infection toolkit. Current Opinion in Microbiology, 2016, 34, 67-74.	2.3	29
143	Functional characterization of the <scp><i>A</i></scp><i>spergillus nidulans</i> glucosylceramide pathway reveals that LCB Î”8â€desaturation and C9â€methylation are relevant to filamentous growth, lipid raft localization and <i>Ps</i>d1 defensin activity. Molecular Microbiology, 2016, 102, 488-505.	1.2	34
144	Sphingolipids as targets for treatment of fungal infections. Future Medicinal Chemistry, 2016, 8, 1469-1484.	1.1	74
145	Potential Roles of Fungal Extracellular Vesicles during Infection. MSphere, 2016, 1, .	1.3	95

#	Article	IF	Citations
146	The benefits of scientific mobility and international collaboration. FEMS Microbiology Letters, 2016, 363, .	0.7	20
147	Enhanced virulence of Histoplasma capsulatum through transfer and surface incorporation of glycans from Cryptococcus neoformans during co-infection. Scientific Reports, 2016, 6, 21765.	1.6	26
148	Plasma membrane lipids and their role in fungal virulence. Progress in Lipid Research, 2016, 61, 63-72.	5.3	92
149	Cryptococcus neoformans capsular polysaccharides form branched and complex filamentous networks viewed by high-resolution microscopy. Journal of Structural Biology, 2016, 193, 75-82.	1.3	26
150	Cryptococcal therapies and drug targets: the old, the new and the promising. Cellular Microbiology, 2016, 18, 792-799.	1.1	79
151	What makes<i>Cryptococcus gattii</i>a pathogen?. FEMS Yeast Research, 2016, 16, fov106.	1.1	69
152	More than just trash bins? Potential roles for extracellular vesicles in the vertical and horizontal transmission of yeast prions. Current Genetics, 2016, 62, 265-270.	0.8	15
153	A P4-ATPase subunit of the Cdc50 family plays a role in iron acquisition and virulence in<i>Cryptococcus neoformans</i>. Cellular Microbiology, 2017, 19, e12718.	1.1	21
154	Analysis of multiple components involved in the interaction between Cryptococcus neoformans and Acanthamoeba castellanii. Fungal Biology, 2017, 121, 602-614.	1.1	41
155	Fungi that Infect Humans. Microbiology Spectrum, 2017, 5, .	1.2	149
156	Pathogen-derived extracellular vesicles coordinate social behaviour and host manipulation. Seminars in Cell and Developmental Biology, 2017, 67, 83-90.	2.3	33
157	Capsule gene CAP64 is involved in the regulation of vacuole acidification in Cryptococcus neoformans. Mycoscience, 2017, 58, 45-52.	0.3	3
158	What Is New? Recent Knowledge on Fungal Extracellular Vesicles. Current Fungal Infection Reports, 2017, 11, 141-147.	0.9	11
159	Cryptococcus and Cryptococcosis. , 2017, , 169-214.		2
160	Galectin-3 impacts Cryptococcus neoformans infection through direct antifungal effects. Nature Communications, 2017, 8, 1968.	5.8	77
161	Sphingolipids from the human fungal pathogen Aspergillus fumigatus. Biochimie, 2017, 141, 9-15.	1.3	19
162	<i>Candida albicans</i> Modifies the Protein Composition and Size Distribution of THP-1 Macrophage-Derived Extracellular Vesicles. Journal of Proteome Research, 2017, 16, 87-105.	1.8	28
163	Fungi that Infect Humans. , 2017, , 811-843.		8

#	Article	IF	Citations
164	Novel Antifungal Activity for the Lectin Scytovirin: Inhibition of Cryptococcus neoformans and Cryptococcus gattii. Frontiers in Microbiology, 2017, 8, 755.	1.5	16
165	Geometrical Distribution of Cryptococcus neoformans Mediates Flower-Like Biofilm Development. Frontiers in Microbiology, 2017, 8, 2534.	1.5	13
166	Functions of Fungal Melanins. , 2017, , .		11
167	Innate Immune Responses to Cryptococcus. Journal of Fungi (Basel, Switzerland), 2017, 3, 35.	1.5	25
168	Capsule Enlargement in Cryptococcus neoformans Is Dependent on Mitochondrial Activity. Frontiers in Microbiology, 2017, 8, 1423.	1.5	26
169	Fungal extracellular vesicles: modulating hostâ€"pathogen interactions by both the fungus and the host. Microbes and Infection, 2018, 20, 501-504.	1.0	55
170	The Viscoelastic Properties of the Fungal Cell Wall Allow Traffic of AmBisome as Intact Liposome Vesicles. MBio, 2018, 9, .	1.8	138
171	Pathogen-derived extracellular vesicles mediate virulence in the fatal human pathogen Cryptococcus gattii. Nature Communications, 2018, 9, 1556.	5.8	128
172	Isolation, Characterization, and Metal Response of Novel, Acid-Tolerant Penicillium spp. from Extremely Metal-Rich Waters at a Mining Site in Transbaikal (Siberia, Russia). Microbial Ecology, 2018, 76, 911-924.	1.4	18
173	Unraveling synthesis of the cryptococcal cell wall and capsule. Glycobiology, 2018, 28, 719-730.	1.3	53
174	Release of Staphylococcus aureus extracellular vesicles and their application as a vaccine platform. Nature Communications, 2018, 9, 1379.	5.8	213
175	The putative flippase Apt1 is required for intracellular membrane architecture and biosynthesis of polysaccharide and lipids in Cryptococcus neoformans. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 532-541.	1.9	21
176	The external face of Candida albicans : A proteomic view of the cell surface and the extracellular environment. Journal of Proteomics, 2018, 180, 70-79.	1.2	44
177	A Predicted Mannoprotein Participates in Cryptococcus gattii Capsular Structure. MSphere, 2018, 3, .	1.3	15
178	Extracellular vesicles and vesicle-free secretome of the protozoa <i>Acanthamoeba castellanii</i> under homeostasis and nutritional stress and their damaging potential to host cells. Virulence, 2018, 9, 818-836.	1.8	68
179	Regulated Release of Cryptococcal Polysaccharide Drives Virulence and Suppresses Immune Cell Infiltration into the Central Nervous System. Infection and Immunity, 2018, 86, .	1.0	44
180	Fungal Extracellular Vesicles. , 2018, , 333-333.		0
181	Extracellular Vesicles in Fungi: Composition and Functions. Current Topics in Microbiology and Immunology, 2018, 422, 45-59.	0.7	36

#	Article	IF	Citations
182	Pathogen-Derived Extracellular Vesicle-Associated Molecules That Affect the Host Immune System: An Overview. Frontiers in Microbiology, 2018, 9, 2182.	1.5	95
183	A glucuronoxylomannan-like glycan produced by Trichosporon mucoides. Fungal Genetics and Biology, 2018, 121, 46-55.	0.9	9
184	Extracellular Vesicles From the Dermatophyte Trichophyton interdigitale Modulate Macrophage and Keratinocyte Functions. Frontiers in Immunology, 2018, 9, 2343.	2.2	79
185	A Wor1-Like Transcription Factor Is Essential for Virulence of Cryptococcus neoformans. Frontiers in Cellular and Infection Microbiology, 2018, 8, 369.	1.8	3
186	Extracellular Vesicles From Sporothrix brasiliensis Are an Important Virulence Factor That Induce an Increase in Fungal Burden in Experimental Sporotrichosis. Frontiers in Microbiology, 2018, 9, 2286.	1.5	84
187	The Multifunctional Fungal Ergosterol. MBio, 2018, 9, .	1.8	129
188	The Overlooked Glycan Components of the Cryptococcus Capsule. Current Topics in Microbiology and Immunology, 2018, 422, 31-43.	0.7	8
189	Biological Roles Played by Sphingolipids in Dimorphic and Filamentous Fungi. MBio, 2018, 9, .	1.8	46
190	Concentration-dependent protein loading of extracellular vesicles released by Histoplasma capsulatum after antibody treatment and its modulatory action upon macrophages. Scientific Reports, 2018, 8, 8065.	1.6	66
191	Cryptococcal pathogenic mechanisms: a dangerous trip from the environment to the brain. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e180057.	0.8	69
192	A twoâ€•way road: novel roles for fungal extracellular vesicles. Molecular Microbiology, 2018, 110, 11-15.	1.2	47
193	Mechanisms of Cryptococcus neoformans-Mediated Host Damage. Frontiers in Immunology, 2018, 9, 855.	2.2	60
194	Defects in intracellular trafficking of fungal cell wall synthases lead to aberrant host immune recognition. PLoS Pathogens, 2018, 14, e1007126.	2.1	44
195	Golgi Reassembly and Stacking Protein (GRASP) Participates in Vesicle-Mediated RNA Export in Cryptococcus Neoformans. Genes, 2018, 9, 400.	1.0	30
196	Lack of chitin synthase genes impacts capsular architecture and cellular physiology in Cryptococcus neoformans. Cell Surface, 2018, 2, 14-23.	1.5	15
197	The mechanical properties of microbial surfaces and biofilms. Cell Surface, 2019, 5, 100028.	1.5	29
198	Extracellular vesicles secreted by Saccharomyces cerevisiae are involved in cell wall remodelling. Communications Biology, 2019, 2, 305.	2.0	106
199	Characterization of Aspergillus fumigatus Extracellular Vesicles and Their Effects on Macrophages and Neutrophils Functions. Frontiers in Microbiology, 2019, 10, 2008.	1.5	60

#	Article	IF	Citations
200	Zombie ant death grip due to hypercontracted mandibular muscles. Journal of Experimental Biology, 2019, 222, .	0.8	23
201	Deciphering Fungal Extracellular Vesicles: From Cell Biology to Pathogenesis. Current Clinical Microbiology Reports, 2019, 6, 89-97.	1.8	12
202	Extracellular vesicles of human pathogenic fungi. Current Opinion in Microbiology, 2019, 52, 90-99.	2.3	47
203	Performance Improvement in Pile Anchor System for Deep Foundation Excavation Using Electroosmotic Chemical Treatment. Advances in Civil Engineering, 2019, 2019, 1-10.	0.4	2
204	Cryptococcus neoformans Induces MCP-1 Release and Delays the Death of Human Mast Cells. Frontiers in Cellular and Infection Microbiology, 2019, 9, 289.	1.8	13
205	Fungal Physiology and Immunopathogenesis. Current Topics in Microbiology and Immunology, 2019, , .	0.7	4
206	Role of lipid transporters in fungal physiology and pathogenicity. Computational and Structural Biotechnology Journal, 2019, 17, 1278-1289.	1.9	18
207	Extracellular vesicles in host-pathogen interactions and immune regulation â€" exosomes as emerging actors in the immunological theater of pregnancy. Heliyon, 2019, 5, e02355.	1.4	46
208	The â€˜Amoeboid Predator-Fungal Animal Virulenceâ€™ Hypothesis. Journal of Fungi (Basel, Switzerland), 2019, 5, 10.	1.5	63
209	The structural unit of melanin in the cell wall of the fungal pathogen Cryptococcus neoformans. Journal of Biological Chemistry, 2019, 294, 10471-10489.	1.6	85
210	Basic principles of the virulence of<i>Cryptococcus</i>. Virulence, 2019, 10, 490-501.	1.8	154
211	Polysaccharide diversity in VNI isolates of Cryptococcus neoformans from Roraima, Northern Brazil. Fungal Biology, 2019, 123, 699-708.	1.1	6
212	Extracellular vesicles carry cellulases in the industrial fungus Trichoderma reesei. Biotechnology for Biofuels, 2019, 12, 146.	6.2	51
213	Proteinâ€facilitated transport of hydrophobic molecules across the yeast plasma membrane. FEBS Letters, 2019, 593, 1508-1527.	1.3	31
214	Exploiting Lipids to Develop Anticryptococcal Vaccines. Current Tropical Medicine Reports, 2019, 6, 55-63.	1.6	3
215	A Novel Protocol for the Isolation of Fungal Extracellular Vesicles Reveals the Participation of a Putative Scramblase in Polysaccharide Export and Capsule Construction in <i>Cryptococcus gattii</i>. MSphere, 2019, 4, .	1.3	67
216	Extracellular Vesicle-Mediated RNA Release in <i>Histoplasma capsulatum</i>. MSphere, 2019, 4, .	1.3	38
217	Fungal Extracellular Vesicles with a Focus on Proteomic Analysis. Proteomics, 2019, 19, e1800232.	1.3	65

#	Article	IF	Citations
218	Extracellular vesicles derived from Malassezia furfur stimulate IL-6 production in keratinocytes as demonstrated in in vitro and in vivo models. Journal of Dermatological Science, 2019, 93, 168-175.	1.0	28
219	<i>Cryptococcus neoformans</i>Glucuronoxylomannan and Sterylglucoside Are Required for Host Protection in an Animal Vaccination Model. MBio, 2019, 10, .	1.8	63
220	Extracellular Vesicles from the Protozoa Acanthamoeba castellanii: Their Role in Pathogenesis, Environmental Adaptation and Potential Applications. Bioengineering, 2019, 6, 13.	1.6	15
221	Fungal Extracellular Vesicles as Potential Targets for Immune Interventions. MSphere, 2019, 4, .	1.3	31
222	Small RNAs and extracellular vesicles: New mechanisms of cross-species communication and innovative tools for disease control. PLoS Pathogens, 2019, 15, e1008090.	2.1	114
223	Extracellular Vesiclesâ€"Connecting Kingdoms. International Journal of Molecular Sciences, 2019, 20, 5695.	1.8	177
224	Pharmacological inhibition of pigmentation in<i>Cryptococcus</i>. FEMS Yeast Research, 2019, 19, .	1.1	5
225	Extracellular membrane vesicles in the three domains of life and beyond. FEMS Microbiology Reviews, 2019, 43, 273-303.	3.9	289
226	The capsule of<i>Cryptococcus neoformans</i>. Virulence, 2019, 10, 822-831.	1.8	115
227	Pyrifenox, an ergosterol inhibitor, differentially affects Cryptococcus neoformans and Cryptococcus gattii. Medical Mycology, 2020, 58, 928-937.	0.3	4
228	Extracellular Vesicles From the Cotton Pathogen Fusarium oxysporum f. sp. vasinfectum Induce a Phytotoxic Response in Plants. Frontiers in Plant Science, 2019, 10, 1610.	1.7	92
229	Extracellular vesicles from the apoplastic fungal wheat pathogen Zymoseptoria tritici. Fungal Biology and Biotechnology, 2020, 7, 13.	2.5	32
230	Extracellular Vesicles in Fungi: Past, Present, and Future Perspectives. Frontiers in Cellular and Infection Microbiology, 2020, 10, 346.	1.8	91
231	<i>Helicobacter pylori</i> release from yeast as a vesicleâ€encased or free bacterium. Helicobacter, 2020, 25, e12725.	1.6	8
232	Nutritional Conditions Modulate C. neoformans Extracellular Vesiclesâ€™ Capacity to Elicit Host Immune Response. Microorganisms, 2020, 8, 1815.	1.6	16
233	Participation of Zip3, a ZIP domain-containing protein, in stress response and virulence in Cryptococcus gattii. Fungal Genetics and Biology, 2020, 144, 103438.	0.9	11
234	Fungal sphingolipids: role in the regulation of virulence and potential as targets for future antifungal therapies. Expert Review of Anti-Infective Therapy, 2020, 18, 1083-1092.	2.0	29
235	Pathogenic Delivery: The Biological Roles of Cryptococcal Extracellular Vesicles. Pathogens, 2020, 9, 754.	1.2	13

#	Article	IF	Citations
236	Characterization of Extracellular Vesicles Produced by Aspergillus fumigatus Protoplasts. MSphere, 2020, 5, .	1.3	43
237	Antifungal Drug Development: Targeting the Fungal Sphingolipid Pathway. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	26
238	Cryptococcus neoformans Secretes Small Molecules That Inhibit IL-1Î² Inflammasome-Dependent Secretion. Mediators of Inflammation, 2020, 2020, 1-20.	1.4	12
239	Cross-Kingdom Extracellular Vesicles EV-RNA Communication as a Mechanism for Hostâ€"Pathogen Interaction. Frontiers in Cellular and Infection Microbiology, 2020, 10, 593160.	1.8	33
240	Dangerous Liaisons: Interactions of Cryptococcus neoformans with Host Phagocytes. Pathogens, 2020, 9, 891.	1.2	27
241	Glucose availability dictates the export of the soluble and prion forms of Sup35p via periplasmic or extracellular vesicles. Molecular Microbiology, 2020, 114, 322-332.	1.2	10
242	Protein markers for <i>Candida albicans</i> EVs include claudinâ€like Sur7 family proteins. Journal of Extracellular Vesicles, 2020, 9, 1750810.	5.5	45
243	Extracellular Vesicles from Aspergillus flavus Induce M1 Polarization <i>In Vitro</i>. MSphere, 2020, 5, .	1.3	46
244	Media matters! Alterations in the loading and release of <scp> <i>Histoplasma capsulatum</i> </scp> extracellular vesicles in response to different nutritional milieus. Cellular Microbiology, 2020, 22, e13217.	1.1	49
245	Protective effect of fungal extracellular vesicles against murine candidiasis. Cellular Microbiology, 2020, 22, e13238.	1.1	51
246	Exploring Cryptococcus neoformans capsule structure and assembly with a hydroxylamine-armed fluorescent probe. Journal of Biological Chemistry, 2020, 295, 4327-4340.	1.6	13
247	Erg6 affects membrane composition and virulence of the human fungal pathogen Cryptococcus neoformans. Fungal Genetics and Biology, 2020, 140, 103368.	0.9	28
248	Emendations to tissue typology in discomycetes. Mycological Progress, 2020, 19, 543-558.	0.5	3
249	Proteomic characterization of extracellular vesicles produced by several wine yeast species. Microbial Biotechnology, 2020, 13, 1581-1596.	2.0	26
250	Transcriptomic Analysis of Extracellular RNA Governed by the Endocytic Adaptor Protein Cin1 of Cryptococcus deneoformans. Frontiers in Cellular and Infection Microbiology, 2020, 10, 256.	1.8	12
251	Movement of small RNAs in and between plants and fungi. Molecular Plant Pathology, 2020, 21, 589-601.	2.0	71
252	The Role of Secretory Pathways in Candida albicans Pathogenesis. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 Td	1.5	17
253	Inside-out: from endosomes to extracellular vesicles in fungal RNA transport. Fungal Biology Reviews, 2020, 34, 89-99.	1.9	18

#	Article	IF	Citations
254	Advances in Analysis of Biodistribution of Exosomes by Molecular Imaging. International Journal of Molecular Sciences, 2020, 21, 665.	1.8	131
255	Small RNA Bidirectional Crosstalk During the Interaction Between Wheat and Zymoseptoria tritici. Frontiers in Plant Science, 2019, 10, 1669.	1.7	23
256	The Neurotropic Black Yeast Exophiala dermatitidis Induces Neurocytotoxicity in Neuroblastoma Cells and Progressive Cell Death. Cells, 2020, 9, 963.	1.8	24
257	Extracellular Vesicles Derived From Talaromyces marneffei Yeasts Mediate Inflammatory Response in Macrophage Cells by Bioactive Protein Components. Frontiers in Microbiology, 2020, 11, 603183.	1.5	19
260	<i>In vitro</i> synergistic effects of fluoxetine and paroxetine in combination with amphotericin B against <i>Cryptococcus neoformans</i>. Pathogens and Disease, 2021, 79, .	0.8	8
261	Fungal Extracellular Vesicles in Pathophysiology. Sub-Cellular Biochemistry, 2021, 97, 151-177.	1.0	5
262	ExVe: The knowledge base of orthologous proteins identified in fungal extracellular vesicles. Computational and Structural Biotechnology Journal, 2021, 19, 2286-2296.	1.9	10
263	Intracellular Presence of Helicobacter pylori and Its Virulence-Associated Genotypes within the Vaginal Yeast of Term Pregnant Women. Microorganisms, 2021, 9, 131.	1.6	9
264	Ultrastructural Study of Cryptococcus neoformans Surface During Budding Events. Frontiers in Microbiology, 2021, 12, 609244.	1.5	2
265	Sizeâ€exclusion chromatography allows the isolation of EVs from the filamentous fungal plant pathogen <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> (Fov). Proteomics, 2021, 21, e2000240.	1.3	18
267	Small Molecule Analysis of Extracellular Vesicles Produced by Cryptococcus gattii: Identification of a Tripeptide Controlling Cryptococcal Infection in an Invertebrate Host Model. Frontiers in Immunology, 2021, 12, 654574.	2.2	21
268	Characterization and proteome analysis of the extracellular vesicles of Phytophthora capsici. Journal of Proteomics, 2021, 238, 104137.	1.2	7
269	Omics Approaches for Understanding Biogenesis, Composition and Functions of Fungal Extracellular Vesicles. Frontiers in Genetics, 2021, 12, 648524.	1.1	13
271	Message in a Bubble: Shuttling Small RNAs and Proteins Between Cells and Interacting Organisms Using Extracellular Vesicles. Annual Review of Plant Biology, 2021, 72, 497-524.	8.6	85
272	A capsule-associated gene of Cryptococcus neoformans, CAP64, is involved in pH homeostasis. Microbiology (United Kingdom), 2021, 167, .	0.7	1
273	iTRAQ-based proteomic analysis of Paracoccidioides brasiliensis in response to hypoxia. Microbiological Research, 2021, 247, 126730.	2.5	6
274	mRNA Inventory of Extracellular Vesicles from Ustilago maydis. Journal of Fungi (Basel, Switzerland), 2021, 7, 562.	1.5	21
276	Extracellular Vesicles in the Fungi Kingdom. International Journal of Molecular Sciences, 2021, 22, 7221.	1.8	35

#	Article	IF	Citations
277	Microbial Musings â€“ June 2021. Microbiology (United Kingdom), 2021, 167, .	0.7	0
278	Turning Inside Out: Filamentous Fungal Secretion and Its Applications in Biotechnology, Agriculture, and the Clinic. Journal of Fungi (Basel, Switzerland), 2021, 7, 535.	1.5	17
279	The Role of Melanin in the Biology and Ecology of Nematophagous Fungi. Journal of Chemical Ecology, 2021, 47, 597-613.	0.9	9
280	The paradoxical and still obscure properties of fungal extracellular vesicles. Molecular Immunology, 2021, 135, 137-146.	1.0	23
281	Comparative Molecular and Immunoregulatory Analysis of Extracellular Vesicles from Candida albicans and Candida auris. MSystems, 2021, 6, e0082221.	1.7	27
282	Communication is key: extracellular vesicles as mediators of infection and defence during hostâ€"microbe interactions in animals and plants. FEMS Microbiology Reviews, 2022, 46, .	3.9	33
283	<i>Cryptococcus</i> extracellular vesicles properties and their use as vaccine platforms. Journal of Extracellular Vesicles, 2021, 10, e12129.	5.5	47
284	Extracellular Vesicles From Sporothrix brasiliensis Yeast Cells Increases Fungicidal Activity in Macrophages. Mycopathologia, 2021, 186, 807-818.	1.3	2
285	Analysis of Cryptococcal Extracellular Vesicles: Experimental Approaches for Studying Their Diversity Among Multiple Isolates, Kinetics of Production, Methods of Separation, and Detection in Cultures of Titan Cells. Microbiology Spectrum, 2021, 9, e0012521.	1.2	9
286	Structure, composition and biological properties of fungal extracellular vesicles. MicroLife, 2021, 2, .	1.0	18
287	Fungal Infections of the Central Nervous System. , 2021, , 736-748.		0
288	Glycans of the Pathogenic Yeast Cryptococcus neoformans and Related Opportunities for Therapeutic Advances. , 2021, , 479-506.		3
289	Biogenesis and Function of Extracellular Vesicles in Gram-Positive Bacteria, Mycobacteria, and Fungi. , 2020, , 47-74.		5
290	Structure and Bioactivities of Fungal Polysaccharides. , 2014, , 1-14.		3
291	Intracellular vesicle clusters are organelles that synthesize extracellular vesicleâ€"associated cargo proteins in yeast. Journal of Biological Chemistry, 2020, 295, 2650-2663.	1.6	16
292	Cell-wall dyes interfere with Cryptococcus neoformans melanin deposition. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	14
303	Signaling Cascades and Enzymes as Cryptococcus Virulence Factors. , 0, , 217-234.		2
304	Biosynthesis and Genetics of the Cryptococcus Capsule. , 0, , 27-41.		4

#	Article	IF	Citations
305	The Cell Wall of Cryptococcus. , 0, , 67-79.		4
306	Surface Localization of Glucosylceramide during Cryptococcus neoformans Infection Allows Targeting as a Potential Antifungal. PLoS ONE, 2011, 6, e15572.	1.1	28
307	Cytoplasmic Fungal Lipases Release Fungicides from Ultra-Deformable Vesicular Drug Carriers. PLoS ONE, 2012, 7, e38181.	1.1	8
308	Characterization of Cell Wall Lipids from the Pathogenic Phase of Paracoccidioides brasiliensis Cultivated in the Presence or Absence of Human Plasma. PLoS ONE, 2013, 8, e63372.	1.1	26
309	Characterization of Scedosporium apiospermum Glucosylceramides and Their Involvement in Fungal Development and Macrophage Functions. PLoS ONE, 2014, 9, e98149.	1.1	36
310	Traveling into Outer Space: Unanswered Questions about Fungal Extracellular Vesicles. PLoS Pathogens, 2015, 11, e1005240.	2.1	63
311	Recognition of Fungal Components by the Host Immune System. Current Protein and Peptide Science, 2020, 21, 245-264.	0.7	9
312	The Role of Exosomes in Infectious Diseases. Inflammation and Allergy: Drug Targets, 2013, 12, 29-37.	1.8	78
313	P-Type ATPase Apt1 of the Fungal Pathogen Cryptococcus neoformans Is a Lipid Flippase of Broad Substrate Specificity. Journal of Fungi (Basel, Switzerland), 2021, 7, 843.	1.5	5
314	Cell Wall Integrity Pathway Involved in Morphogenesis, Virulence and Antifungal Susceptibility in Cryptococcus neoformans. Journal of Fungi (Basel, Switzerland), 2021, 7, 831.	1.5	12
315	The Cryptococcus Genomes: Tools for Comparative Genomics and Expression Analysis. , 0, , 113-126.		2
316	Virulence Mechanisms of Cryptococcus gattii: Convergence and Divergence. , 0, , 189-201.		0
317	The Interaction of Cryptococcus neoformans with Host MacroPhages and Neutrophils. , 0, , 371-385.		0
321	Sporothrichosis. , 2020, , 329-343.		0
322	Sphingolipids: Functional and Biological Aspects in Mammals, Plants, and Fungi. Springer Protocols, 2020, , 21-40.	0.1	1
324	Chronic Release of Tailless Phage Particles from Lactococcus lactis. Applied and Environmental Microbiology, 2022, 88, AEM0148321.	1.4	13
327	Biogenesis of Fungal Extracellular Vesicles: What Do We Know?. Current Topics in Microbiology and Immunology, 2021, 432, 1-11.	0.7	0
328	Filamentous Fungi Extracellular Vesicles. Current Topics in Microbiology and Immunology, 2021, 432, 45-55.	0.7	1

#	Article	IF	Citations
330	Fungal Extracellular Vesicles in Interkingdom Communication. Current Topics in Microbiology and Immunology, 2021, 432, 81-88.	0.7	1
331	Fungal Extracellular Vesicles as a Potential Strategy for Vaccine Development. Current Topics in Microbiology and Immunology, 2021, 432, 121-138.	0.7	2
332	Current Status on Extracellular Vesicles from the Dimorphic Pathogenic Species of Paracoccidioides. Current Topics in Microbiology and Immunology, 2021, 432, 19-33.	0.7	1
333	Interactions of Extracellular Vesicles from Pathogenic Fungi with Innate Leukocytes. Current Topics in Microbiology and Immunology, 2021, 432, 89-120.	0.7	1
334	Contributions of Extracellular Vesicles to Fungal Biofilm Pathogenesis. Current Topics in Microbiology and Immunology, 2021, 432, 67-79.	0.7	2
335	Extracellular Vesicles from Sporothrix Yeast Cells. Current Topics in Microbiology and Immunology, 2021, 432, 35-44.	0.7	2
336	Lessons Learned from Studying Histoplasma capsulatum Extracellular Vesicles. Current Topics in Microbiology and Immunology, 2021, 432, 13-18.	0.7	2
337	Current Microscopy Strategies to Image Fungal Vesicles: From the Intracellular Trafficking and Secretion to the Inner Structure of Isolated Vesicles. Current Topics in Microbiology and Immunology, 2021, 432, 139-159.	0.7	0
340	Fungal Extracellular Vesicles Are Involved in Intraspecies Intracellular Communication. MBio, 2022, 13, e0327221.	1.8	21
341	From fundamental biology to the search for innovation: The story of fungal extracellular vesicles. European Journal of Cell Biology, 2022, 101, 151205.	1.6	9
342	Polysaccharides of Fungal Origin. , 2022, , 483-503.		0
343	Extracellular Vesicles From Paracoccidioides brasiliensis Can Induce the Expression of Fungal Virulence Traits In Vitro and Enhance Infection in Mice. Frontiers in Cellular and Infection Microbiology, 2022, 12, 834653.	1.8	6
344	Replicative Aging Remodels the Cell Wall and Is Associated with Increased Intracellular Trafficking in Human Pathogenic Yeasts. MBio, 2022, 13, e0019022.	1.8	4
345	Biogenesis and Biological Functions of Extracellular Vesicles in Cellular and Organismal Communication With Microbes. Frontiers in Microbiology, 2022, 13, 817844.	1.5	18
346	Raman Microspectroscopy Imaging Analysis of Extracellular Vesicles Biogenesis by Filamentous Fungus <i>Penicilium chrysogenum</i>. Advanced Biology, 2022, 6, e2101322.	1.4	9
347	Extracellular vesicles: Their functions in plantâ€"pathogen interactions. Molecular Plant Pathology, 2022, 23, 760-771.	2.0	22
348	Extracellular Vesicles Regulate Biofilm Formation and Yeast-to-Hypha Differentiation in Candida albicans. MBio, 2022, 13, e0030122.	1.8	24
349	Faster Cryptococcus Melanization Increases Virulence in Experimental and Human Cryptococcosis. Journal of Fungi (Basel, Switzerland), 2022, 8, 393.	1.5	6

#	Article	IF	Citations
387	The development of extracellular vesicle markers for the fungal phytopathogen <i>Colletotrichum higginsianum</i>. Journal of Extracellular Vesicles, 2022, 11, e12216.	5.5	8
388	Candida albicans Hyphal Extracellular Vesicles Are Different from Yeast Ones, Carrying an Active Proteasome Complex and Showing a Different Role in Host Immune Response. Microbiology Spectrum, 2022, 10, .	1.2	13
389	Pre-Exposure With Extracellular Vesicles From Aspergillus fumigatus Attenuates Inflammatory Response and Enhances Fungal Clearance in a Murine Model Pulmonary Aspergillosis. Frontiers in Cellular and Infection Microbiology, 2022, 12, .	1.8	7
390	Isolation of Extracellular Vesicles from Candida auris. Methods in Molecular Biology, 2022, , 173-178.	0.4	2
391	Pathogenicity and Growth Conditions Modulate Fonsecaea Extracellular Vesiclesâ€™ Ability to Interact With Macrophages. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	4
393	Functions and applications of glycolipid-hydrolyzing microbial glycosidases. Bioscience, Biotechnology and Biochemistry, 2022, 86, 974-984.	0.6	1
394	Harnessing the Immune Response to Fungal Pathogens for Vaccine Development. Annual Review of Microbiology, 2022, 76, 703-726.	2.9	11
395	Exploitation of the antifungal and antibiofilm activities of plumbagin against <i>Cryptococcus neoformans</i>. Biofouling, 2022, 38, 558-574.	0.8	6
396	Extracellular Vesicle Formation in Cryptococcus deuterogattii Impacts Fungal Virulence and Requires the <i>NOP16</i> Gene. Infection and Immunity, 2022, 90, .	1.0	4
397	The RNA Content of Fungal Extracellular Vesicles: At the â€œCutting-Edgeâ€•of Pathophysiology Regulation. Cells, 2022, 11, 2184.	1.8	5
399	Anti-inflammatory effects of extracellular vesicles from Morchella on LPS-stimulated RAW264.7 cells via the ROS-mediated p38 MAPK signaling pathway. Molecular and Cellular Biochemistry, 2023, 478, 317-327.	1.4	7
400	Bioinformatics strategies for studying the molecular mechanisms of fungal extracellular vesicles with a focus on infection and immune responses. Briefings in Bioinformatics, 2022, 23, .	3.2	1
401	Mode of action of nanochitin whisker against Fusarium pseudograminearum. International Journal of Biological Macromolecules, 2022, 217, 356-366.	3.6	2
402	Vacuolal and Peroxisomal Calcium Ion Transporters in Yeasts and Fungi: Key Role in the Translocation of Intermediates in the Biosynthesis of Fungal Metabolites. Genes, 2022, 13, 1450.	1.0	7
403	Inhibition of Melanization by Kojic Acid Promotes Cell Wall Disruption of the Human Pathogenic Fungus Fonsecaea sp.. Pathogens, 2022, 11, 925.	1.2	0
404	RTA1 Is Involved in Resistance to 7-Aminocholesterol and Secretion of Fungal Proteins in Cryptococcus neoformans. Pathogens, 2022, 11, 1239.	1.2	1
406	Isolation and characterization of extracellular vesicles from biotechnologically important fungus Aureobasidium pullulans. Fungal Biology and Biotechnology, 2022, 9, .	2.5	4
407	Extracellularly Released Molecules by the Multidrug-Resistant Fungal Pathogens Belonging to the Scedosporium Genus: An Overview Focused on Their Ecological Significance and Pathogenic Relevance. Journal of Fungi (Basel, Switzerland), 2022, 8, 1172.	1.5	0

#	Article	IF	Citations
408	Ending the (Cell) wall metaphor in microbiology. Cell Surface, 2022, 8, 100087.	1.5	4
409	Extracellular vesicles of Candida albicans regulate its own growth through the l-arginine/nitric oxide pathway. Applied Microbiology and Biotechnology, 2023, 107, 355-367.	1.7	7
410	Exosomes: from biology to immunotherapy in infectious diseases. Infectious Diseases, 2023, 55, 79-107.	1.4	5
411	An Overlooked and Underrated Endemic Mycosisâ€"Talaromycosis and the Pathogenic Fungus Talaromyces marneffei. Clinical Microbiology Reviews, 2023, 36, .	5.7	11
412	Pathogen-Derived Extracellular Vesicles: Emerging Mediators of Plant-Microbe Interactions. Molecular Plant-Microbe Interactions, 2023, 36, 218-227.	1.4	5
413	Nanosized extracellular vesicles released by Neurospora crassa hyphae. Fungal Genetics and Biology, 2023, 165, 103778.	0.9	1
414	Emerging Roles of Neuronal Extracellular Vesicles at the Synapse. Neuroscientist, 2024, 30, 199-213.	2.6	0
415	Professor Luiz R. Travassos and the study of surface structures of fungal pathogens. Brazilian Journal of Microbiology, 0, , .	0.8	0
416	Comparative Genomics of Histoplasma capsulatum and Prediction of New Vaccines and Drug Targets. Journal of Fungi (Basel, Switzerland), 2023, 9, 193.	1.5	4
417	Extracellular vesicles in bacterial and fungal diseases â€" Pathogenesis to diagnostic biomarkers. Virulence, 2023, 14, .	1.8	1
418	Physicochemical properties of intact fungal cell wall determine vesicles release and nanoparticles internalization. Heliyon, 2023, 9, e13834.	1.4	4
419	A Close Look into the Composition and Functions of Fungal Extracellular Vesicles Produced by Phytopathogens. Molecular Plant-Microbe Interactions, 2023, 36, 228-234.	1.4	2
420	Mitochondrialâ€derived vesicles retain membrane potential and contain a functional ATP synthase. EMBO Reports, 2023, 24, .	2.0	4
421	Extracellular Vesicles of the Plant Pathogen Botrytis cinerea. Journal of Fungi (Basel, Switzerland), 2023, 9, 495.	1.5	5
427	The Role of Melanin in Fungal Disease. , 2023, , 27-43.		1
430	Sporothrichose. , 2023, , 355-369.		0
444	BP-EVs: A Novel Source of EVs in the Nanocarrier Field. Physiology, 0, , .	4.0	0
449	Isolation of Extracellular Vesicles Using Titanium Dioxide Microspheres. Advances in Experimental Medicine and Biology, 2024, , 1-22.	0.8	0

#	Article	IF	Citations